

MONTHLY PROGRESS REPORT  
de maximis, inc.

PROJECT NAME: Bluff Road

TIME PERIOD COVERED: 1 December through 31 December 1988

ACTIONS TAKEN TOWARD COMPLIANCE WITH ACO:

\*Continued field activities associated with implementation of the EBASCO Work Plan.

\*The temporary judicial order providing access (21 days) to the Hopkins/Helms properties for conduct of the RI/FS was extended to August 1989 at a December 8, 1988 hearing. It should be noted that access beyond this date could be required and is contingent upon results of the RI/FS field activities.

PLANS AND PROCEDURES COMPLETED:

\*Collected the seventeen remaining off-site surface soil samples.

\*Developed and sampled the twenty existing Golder monitoring wells.

\*The private well survey was completed. The ecological survey initiated the week of November 14, 1988 was completed.

\*USEPA assisted in resolving the SCDHEC permitting issue with respect to the temporary wells. As a result, the installation of the temporary wells have been rescheduled to begin the week of January 3, 1989.

\*Collected the surface water/sediment samples.

\*Finalized tank removal plans upon receipt of disposal approval from ThermalKEM and SCDHEC.

\*Based on preliminary field data, proposed changes to the temporary well locations were submitted December 30, 1988 to the USEPA for review and approval.

\*As a result of the temporary well issue, the requirement for substantial redevelopment of the Golder Wells and the adverse field conditions encountered, a revised RI/FS Project Schedule was submitted December 30, 1988 to the USEPA for approval.

ACTION ITEMS FOR FOLLOWING MONTH:

- \*Install and sample temporary wells (well points) beginning the week of January 3, 1989.
- \*Implement the Task 15 Supplemental Plan the week of January 9, 1989 for the removal and disposal of the above ground tank.
- \*Initiate soil boring program (29 borings) the week of January 16, 1989. This drilling program is expected to take approximately four weeks.
- \*Permanent monitoring well installation is expected to begin in February 1989 following receipt of temporary well analytical results and approval by the USEPA of the proposed permanent well locations.

ANTICIPATED DELAYS/PROBLEMS:

\*A revised schedule has been submitted to USEPA for approval that extends the field activities approximately eight weeks. The RI/FS Project Schedule had to be revised for the following reasons as documented in our December 30, 1989 submittal:

- There were delays encountered in full redevelopment of all the Golder wells. It was originally estimated that 25% of the Golder wells would have to be redeveloped. Due to poor construction and no maintenance, all wells contained several feet of silt;
- There were administrative delays associated with resolving the SCDHEC temporary well permitting issue;
- Adverse field conditions were encountered (the majority of the Hopkins/Helms properties is a swamp) that will limit access to portions of the study area, prevent the use of a conventional drill rig and slow permanent well installation; and
- There is some probability that several wells will require use of Level B or Level C protective equipment, thereby, resulting in increased time for installation.

These conditions have been reviewed with Versar (USEPA Oversight Agent). Every effort will be made to make up lost time during future phases and to expedite field activities where possible and appropriate.

\*A judicial order issued November 16, 1988 granting temporary access to adjacent properties was extended at a December 8, 1988 hearing until August 1989. It must be noted that although this access authorization may be adequate for currently planned field activities, further access is likely to be required for subsequent activities.

RESULTS OF SAMPLING/TESTING:

\*Analytical results for the December field activities were not available for this report. These will be included in the January 1989 monthly report.